IN THE CLAIMS:

1. (Original) An image data compression apparatus, comprising:

compression processing means for conducting compression-processing on input image data and outputting compressed image data;

image change detection means for detecting a change in an image of the input image data;

frame rate control means for controlling a frame rate of the compressed image data such that the frame rate of a scene, in which the change in the image is small, comes to be lower than that of a scene, in which the change in the image is large, depending upon condition of changes in the image, detected by said image change detection means,

wherein said frame rate control means is constructed with exchange means for controlling whether the input image data should be compressed and encoded by a predetermined unit, exchangeably.

2. (Original) An image data compression apparatus, comprising:

compression processing means for conducting compression-processing on input image data and outputting compressed image data;

image change detection means for detecting a change in an image of the input image data; and

frame rate control means for controlling a frame rate of the compressed image data such that, if a change in the image of input image data is smaller than a

predetermined value, detected by said image change detection means, the image inputted is skipped without compressing and encoding by means of said frame rate control means.

3. (Original) An image data compression apparatus as claimed in claim 2, wherein said image change detection means comprises change amount detection means for detection a change amount between images of the input image data.

4. (Currently Amended) ~~An image data compression apparatus as claimed in claim 3,~~ An image data compression apparatus, comprising:

compression processing means for conducting compression-processing on input image data and outputting compressed image data;

image change detection means for detecting a change in an image of the input image data; and

frame rate control means for controlling a frame rate of the compressed image data such that, if a change in the image of input image data is smaller than a predetermined value, detected by said image change detection means, the image inputted is skipped without compressing and encoding by means of said frame rate control means;

wherein said image change detection means comprises change amount detection means for detection a change amount between images of the input image data; and

wherein said change amount detection means comprises reference image memory means for memorizing predetermined image data as a reference image; and subtraction processing means for conducting subtraction on the input image data and the image data memorized in said reference image memory means.

5. (Original) An image data compression apparatus as claimed in claim 1, wherein said image change detection means comprises change amount detection means for detection a change amount between images of the input image data.

6. (Currently Amended) An image data compression apparatus, comprising:

compression processing means for conducting compression-processing on input image data and outputting compressed image data;

image change detection means for detecting a change in an image of the input image data;

frame rate control means for controlling a frame rate of the compressed image data such that the frame rate of a scene, in which the change in the image is small, comes to be lower than that of a scene, in which the change in the image is large, depending upon condition of changes in the image, detected by said image change detection means,

wherein said frame rate control means is constructed with exchange means for controlling whether the input image data should be compressed and encoded by a predetermined unit, exchangeably; and~~An image data compression apparatus as claimed in claim 1,~~

wherein said change amount detection means comprises reference image memory means for memorizing predetermined image data as a reference image; and subtraction processing means for conducting subtraction on the input image data and the image data memorized in said reference image memory means.